

<b>Interview Summary</b>	<b>Application No.</b> 10/775,906	<b>Applicant(s)</b> KONJA ET AL.	
	<b>Examiner</b> Phylesha L. Dabney	<b>Art Unit</b> 2614	

All participants (applicant, applicant's representative, PTO personnel):

(1) Phylesha L. Dabney. (3) \_\_\_\_\_

(2) Atty. Larry Ashery. (4) \_\_\_\_\_

Date of Interview: 18 June 2007.

Type: a) ☐ Telephonic b) ☐ Video Conference  
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: n/a.

Identification of prior art discussed: \_\_\_\_\_

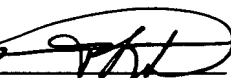
Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Per the applicant's representative's comments, the clerical errors have been corrected and submitted herewith.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

4-19-07   
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

### **DETAILED ACTION**

This action is in response to the application filed on 10 February 2004 in which claims 1-10 are pending.

#### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. Claims 1-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-10 recites the limitation "the side wall". There is insufficient antecedent basis for this limitation in the claim.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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2. Claims 1-3, 6, and 9-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Jung (U.S. Patent No. 5,697,124).

Regarding claims 1-3, 6, and 9-10, Jung teaches an opening and closing device comprising: a stator (40) having a stator cam; and a rotor (50) having a rotor cam urged to the stator cam by a spring (60), and rotatable with respect to the stator; wherein the stator cam has a first inclined plane on the side wall; and the rotor cam has a second inclined plane on the side wall; and the first inclined plane and the second inclined plane are capable of moving in contact with each other (figs. 1-9).

Regarding claim 6, Jung teaches the opening and closing device of claim 1 for use in electronic equipment, the electronic equipment (figs. 1-9) comprising: a fix housing (106) having at least one of an operating part and inherently a sound input part formed on a top face thereof; and a movable housing (112) having at least one of a display and inherently a sound output part formed on a surface thereof; wherein the stator (40) is attached to the movable housing; and the rotor (50) is attached to the fix housing.

Regarding claim 7, see the rejection of claims 1 and 6.

3. Claims 1-5 and 7-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Okuda (U.S. Patent No. 6,459,887).

Regarding claims 1-3 and 9-10, Okuda teaches an opening and closing device comprising: a stator (44) having a stator cam; and a rotor (43) having a rotor cam urged to the stator cam by a spring (5), and rotatable with respect to the stator; wherein the stator cam has a first inclined plane on the side wall; and the rotor cam has a second inclined plane on the side

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wall; and the first inclined plane and the second inclined plane are capable of moving in contact with each other (figs. 4-8).

Regarding claim 4, Okuda teaches the opening and closing device of claim 1, wherein the first inclined plane (stator, figs. 5-6) includes a plurality of inclined planes of different angles of inclination and the second inclined plane (rotor, figs. 5-6) includes a plurality of inclined planes of different angles of inclination.

Regarding claim 5, Okuda teaches the opening and closing device of claim 1 for use in electronic equipment, the electronic equipment (figs. 1-3) comprising: a fix housing (1) having at least one of an operating part and inherently a sound input part formed on a top face thereof; and a movable housing (2) having at least one of a display (21) and inherently a sound output part formed on a surface thereof; wherein the stator (at 13; figs. 3-4) is attached to the fix housing; and the rotor (at 22; figs. 3-4) is attached to the movable housing.

Regarding claims 7-8, see the rejection of claims 1 and 5.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phylesha L. Dabney whose telephone number is 571-272-7494. The examiner can normally be reached on Mondays, Wednesdays, Fridays 8:30-4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 571-272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

**Any response to this action should be mailed to:**  
Commissioner of Patents and Trademarks  
P O Box 1450

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Alexandria, VA 22313-1450

**Or faxed to:**

(703) 273-8300, for formal communications intended for entry and for informal or draft communications, please label "Proposed" or "Draft" when submitting an informal amendment.

**Hand-delivered responses should be brought to:**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

April 1, 2007



PLD



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United States Patent and Trademark Office  
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[www.uspto.gov](http://www.uspto.gov)

# Fax Cover Sheet

**Date:** 19 Jun 2007

<b>To:</b> Atty. Larry Ashery	<b>From:</b> Phylesha L. Dabney
<b>Application/Control Number:</b> 10/775,906	<b>Art Unit:</b> 2614
<b>Fax No.:</b> 610-407-0701	<b>Phone No.:</b> 571-272-7494
<b>Voice No.:</b> 610-993-4239	<b>Return Fax No.:</b> (571) 273-8300
<b>Re:</b> Clerical Error correction	<b>CC:</b>

☐ **Urgent**    ☐ **For Review**    ☐ **For Comment**    ☐ **For Reply**    ☒ **Per Your Request**

Comments:

Number of pages 7 including this page

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